

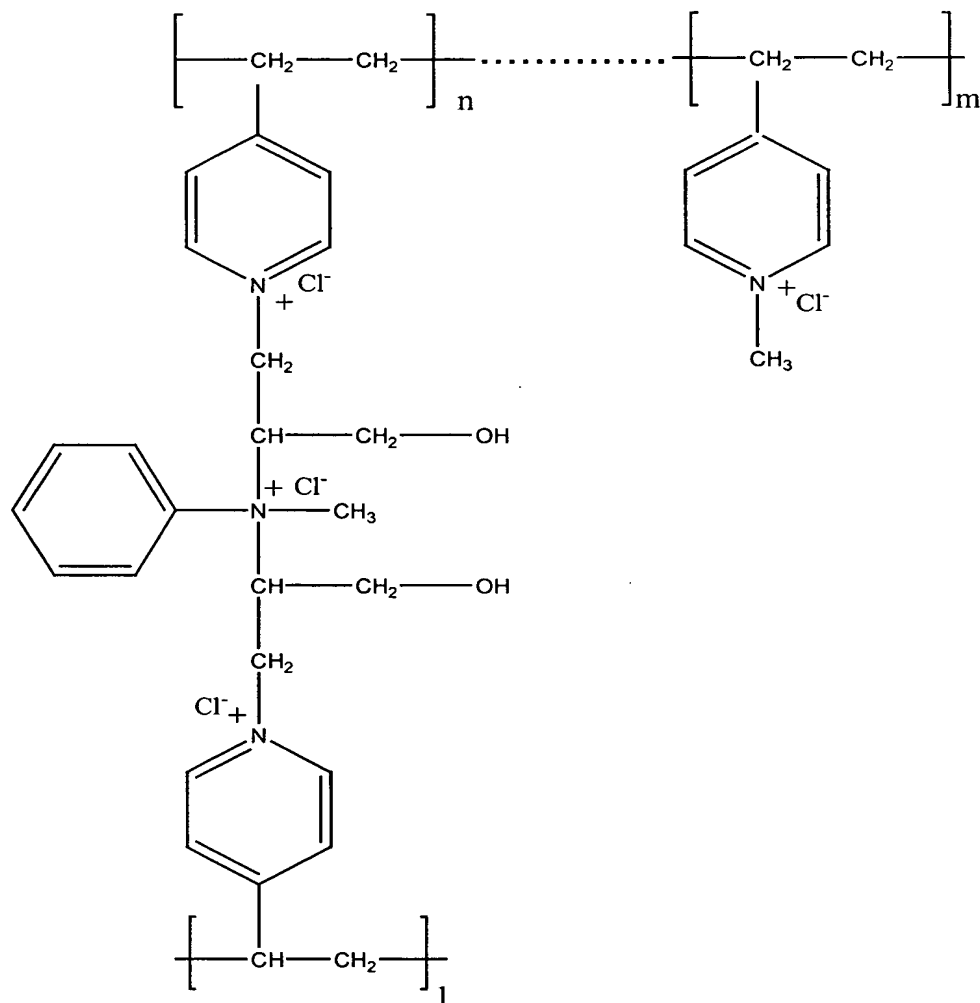
CLAIM AMENDMENTS

IN THE CLAIMS

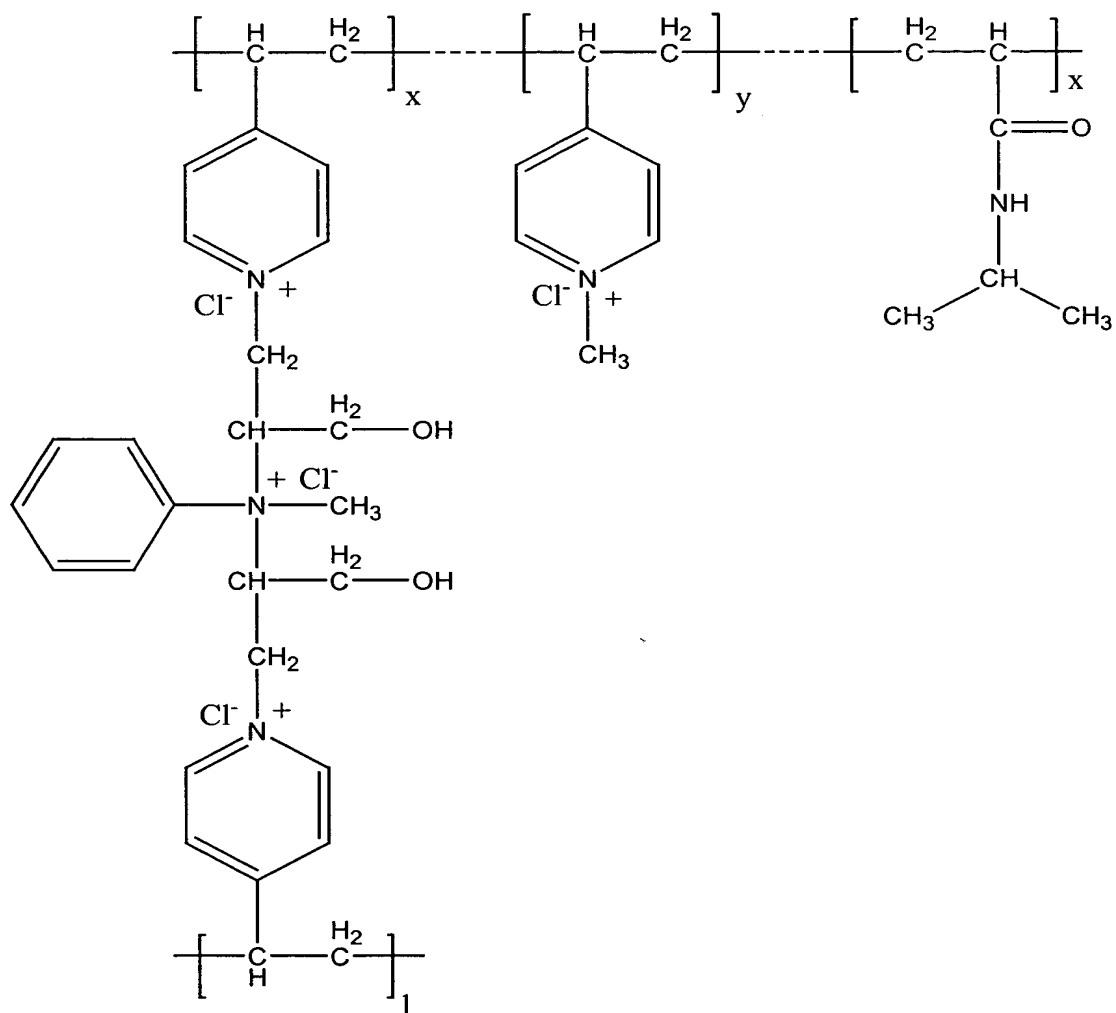
This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. (Original) A homogenous anion exchange membrane prepared using a method comprising:
 - i) providing of 4-vinyl pyridine;
 - ii) *in situ* polymerization the 4-vinyl pyridine on a woven support membrane;and
 - iii) crosslinking with epichlorohydrin and aniline.
2. (Original) The membrane of Claim 1 wherein the woven support membrane is a woven PVC membrane.

3. (Currently Amended) The membrane of Claim 1, wherein the membrane comprises a compound of the following formula:



4. (Currently Amended) The membrane of Claim 1, wherein the membrane comprises a compound of the following formula:



5-29. (Cancelled).

30. (Currently Amended) A process for electrodialysis comprising:
providing a solution comprising ions to be removed[,];
passing the solution through a membrane stack [of alternating] comprising at least one
anion exchange [membranes] membrane [of claim 1 and cation exchange membranes of
claim 5] prepared using a method including:

i) providing of 4-vinyl pyridine;

ii) *in situ* polymerization the 4-vinyl pyridine on a woven support membrane;
and

iii) crosslinking with epichlorohydrin and aniline;

while applying a current orthogonal to the membrane surfaces[,]; and

withdrawing purified or concentrated solution from alternating compartments of the
membrane stack.

31. (Original) The process of claim 30 wherein the solution is an aqueous
industrial effluent.

32. (Original) The process of claim 30 wherein the solution is a naturally
occurring aqueous solution.

33. (Original) The process of claim 32, wherein the solution is brackish water or
seawater.

34. (Original) The process of claim 32, wherein the brackish water or seawater is
not treated to remove excess ions prior to electrodialysis.